

L Number	Hits	Search Text	DB	Time stamp
4	877	revers\$7 same (wavelength\$1 with conver\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:11
5	59883	385/\$4.ccls. or 398/1-214.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:10
6	188	(revers\$7 same (wavelength\$1 with conver\$4)) and (385/\$4.ccls. or 398/1-214.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:10
7	74	reversible same (wavelength\$1 with conver\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:12
8	20	reversible same (wavelength\$1 near2 conver\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:19
9	4	((("5663822") or ("5717510"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 15:39
10	4	falk.in. and 398/1-214.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:09
11	712	398/79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:09
13	2	("6407846").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:10
12	263	398/79.ccls. and ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:11
16	8	(398/79.ccls. and ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))) and coherence	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:17
17	55	398/196.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:17
-	2	20020131128.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:14
-	9988	398/1-214.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:23
-	136255	(convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:37
-	2268	398/1-214.ccls. and ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:25
-	24918	filter\$1 same ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/27 16:10

-	707	(filter\$1 same ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))) and 398/1-214.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:25
-	2018	398/79-97.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:26
-	232	(filter\$1 same ((convert\$4 or shift\$4) near2 (wavelength\$1 or frequency or frequencies))) and 398/79-97.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:26
-	21228	(convert\$4 or shift\$4) near2 (wavelength\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:37
-	2898	filter\$1 same ((convert\$4 or shift\$4) near2 (wavelength\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:37
-	152	398/79-97.ccls. and (filter\$1 same ((convert\$4 or shift\$4) near2 (wavelength\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 13:37

-	156	("4262362" "4301543" "4625333" "4726011" "4729620" "4742576" "4773063" "4807227" "4832437" "4833681" "4860279" "4870641" "4893352" "4896327" "4904038" "4959826" "4989199" "4989200" "4989212" "5022732" "5023949" "5029978" "5050952" "5058101" "5063568" "5068864" "5081712" "5095480" "5101291" "5101450" "5134509" "5134624" "5148437" "5153933" "5157542" "5166822" "5168534" "5222103" "5239400" "5265112" "5272556" "5301058" "5317441" "5321718" "5340980" "5351146" "5367397" "5396361" "5398111" "5408349" "5416628" "5422883" "5440415" "5440417" "5485274" "5495483" "5504609" "5515196" "5521906" "5541755" "5546414" "5553087" "5555118" "5557439" "5574584" "5589684" "5589970" "5596436" "5642371" "5644665" "5680234" "5691832" "5691989" "5694232" "5694233" "5694234" "5699178" "5712932" "5715076" "5717708" "5724167" "5726784" "5739935" "5745613" "5754714" "5784184" "5793907" "5808765" "5812306" "5822471" "5835212" "5838470" "5838851" "5847855" "5852505" "5861965" "5862165" "5864413" "5867291" "5884145" "5886802" "5892869" "5896211" "5896476" "5898719" "5903691" "5912748" "5917628" "5926297" "5933554" "5938309" "5943456" "5946119" "5949925" "5959753" "5963348" "5963567" "5999300" "6005697" "6008931" "6009332" "6021309" "6034976" "6043926" "6055251" "6061369" "6064681" "6067391" "6069719" "6072612" "6078414" "6081358" "6084876" "6091744" "6091864" "6091865" "6094446" "6097518" "6097525" "6101012" "6115122" "6115162" "6118564" "6118565" "6118566" "6125128" "6131023" "6134250" "6134253" "6137927" "6163553" "6169728" "6172790" "6178036" "6169626" "6201638").PN.	USPAT	2004/05/20 14:00
-	779	(reflect\$4 with filter\$4) same circulator	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:32
-	204	((reflect\$4 with filter\$4) same circulator).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:55
-	85	((reflect\$4 with filter\$4) same circulator same wavelength\$1).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:06
-	124384	bi-directional\$2 or bidirectional\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:40

-	9	((reflect\$4 with filter\$4) same circulator same wavelength\$1).ab.) and (bi-directional\$2 or bidirectional\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:41
-	119	((reflect\$4 with filter\$4) same circulator).ab. not ((reflect\$4 with filter\$4) same circulator same wavelength\$1).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:01
-	20	wavelength\$1 and ((reflect\$4 with filter\$4) same circulator).ab. not ((reflect\$4 with filter\$4) same circulator same wavelength\$1).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:56
-	152	((reflect\$4 with grating\$1) same circulator same wavelength\$1).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:57
-	132	((reflect\$4 with grating\$1) same circulator same wavelength\$1).ab.) not ((reflect\$4 with filter\$4) same circulator same wavelength\$1).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 14:57
-	350	circulator with (four adj port\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:02
-	146	(reflect\$4 with (filter\$4 or grating\$1)) and (circulator with (four adj port\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:10
-	2	5404413.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:10
-	2	5701188.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:19
-	51	tachikawa-yoshiaki.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:20
-	1	jp-11119173-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:21
-	1	jp-11337751-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:25
-	4	("5404413" "5701188" "5742416" "5943151").PN.	USPAT	2004/05/20 15:23
-	8	6157477.URPN.	USPAT	2004/05/20 15:23
-	5	gaubatz-ulrich.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:41
-	2	5532857.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 15:41
-	2	5541755.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 17:15
-	4031	(wavelength\$1 with conver\$4).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 17:56

-	101	(modulator\$1).ab. and ((wavelength\$1 with conver\$4).ti.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 17:19
-	1	2002-484471.NRAN.	DERWENT	2004/05/20 17:34
-	1	2002-484471.NRAN.	DERWENT	2004/05/20 17:34
-	6	("4769853" "5031235" "5161044" "5161206" "5287212" "5331449").PN.	USPAT	2004/05/20 17:54
-	485	((wavelength\$1 with conver\$4) and modulator\$1).ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/20 17:56
-	16	feedback and (((wavelength\$1 with conver\$4) and modulator\$1).ab.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/21 07:28
-	227	Shibata-Yasuo.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/21 07:28
-	1151	Suzuki-Yasuhiro.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/21 07:28
-	15	Shibata-Yasuo.in. and Suzuki-Yasuhiro.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/21 07:28
-	185	398/50-51.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:46
-	12725	(convert\$4 or conversion) near2 wavelength\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:46
-	87	398/50-51.ccls. and ((convert\$4 or conversion) near2 wavelength\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:46
-	176	398/49-50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:46
-	84	((convert\$4 or conversion) near2 wavelength\$1) and 398/49-50.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:47
-	37	398/90.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:47
-	69	398/95.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 12:48
-	13	("4625305" "4658394" "4791630" "4945531" "4989201" "5153933" "5224183" "5226053" "5267256" "5347525" "5452116" "5481399" "5548603").PN.	USPAT	2004/05/25 12:48
-	8	5663822.URPN.	USPAT	2004/05/25 12:49
-	3	("5596448" "6157477" "6480312").PN.	USPAT	2004/05/25 14:04
-	19	4989199.URPN.	USPAT	2004/05/25 15:37

-	16858	(convert\$4 or conversion or shift\$4) near1 wavelength\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:18
-	2351	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same filter\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 15:55
-	200	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same filter\$4) same (bi-directional\$2 or bidirectional\$2 or direction\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:09
-	19	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same filter\$4) same (bi-directional\$2 or bidirectional\$2 or ((either or both or two) adj direction\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:18
-	64	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) with (bi-directional\$2 or bidirectional\$2 or ((either or both or two) adj direction\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:40
-	1	1999-509412.NRAN.	DERWENT	2004/05/25 16:19
-	1	1999-509412.NRAN.	DERWENT	2004/05/25 16:33
-	1	1999-509412.NRAN.	DERWENT	2004/05/25 16:33
-	146	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same (bi-directional\$2 or bidirectional\$2 or ((either or both or two) adj direction\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:49
-	82	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same (bi-directional\$2 or bidirectional\$2 or ((either or both or two) adj direction\$1))) not ((convert\$4 or conversion or shift\$4) near1 wavelength\$1) with (bi-directional\$2 or bidirectional\$2 or ((either or both or two) adj direction\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:40
-	23	((convert\$4 or conversion or shift\$4) near1 wavelength\$1) same duplex	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 16:49
-	15	5933554.URPN.	USPAT	2004/05/25 16:58
-	36	(US-6407846-\$ or US-6597479-\$ or US-6115173-\$ or US-6002504-\$ or US-5724167-\$ or US-5717510-\$ or US-5629994-\$ or US-5612805-\$ or US-5506713-\$ or US-5452115-\$ or US-4989199-\$ or US-6552834-\$ or US-6157477-\$ or US-6704517-\$ or US-5532857-\$ or US-6282005-\$ or US-5663822-\$ or US-6619865-\$ or US-6427039-\$ or US-5933554-\$ or US-6169824-\$).did. or (US-20020131128-\$ or US-20030067650-\$ or US-20020131127-\$ or US-20020131124-\$ or US-20020101293-\$).did. or (WO-9962202-\$ or WO-9942874-\$ or DE-19807189-\$).did. or (JP-10221552-\$ or JP-11024003-\$).did. or (FR-2776442-\$ or US-5751456-\$ or EP-638836-\$ or US-5887091-\$ or DE-19807189-\$).did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 17:07

-	4	((US-6407846-\$ or US-6597479-\$ or US-6115173-\$ or US-6002504-\$ or US-5724167-\$ or US-5717510-\$ or US-5629994-\$ or US-5612805-\$ or US-5506713-\$ or US-5452115-\$ or US-4989199-\$ or US-6552834-\$ or US-6157477-\$ or US-6704517-\$ or US-5532857-\$ or US-6282005-\$ or US-5663822-\$ or US-6619865-\$ or US-6427039-\$ or US-5933554-\$ or US-6169824-\$).did. or (US-20020131128-\$ or US-20030067650-\$ or US-20020131127-\$ or US-20020131124-\$ or US-20020101293-\$).did. or (WO-9962202-\$ or WO-9942874-\$ or DE-19807189-\$).did. or (JP-10221552-\$ or JP-11024003-\$).did. or (FR-2776442-\$ or US-5751456-\$ or EP-638836-\$ or US-5887091-\$ or DE-19807189-\$).did.) and sawtooth 5657144.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 17:07
-	2		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/05/25 17:35